● PRINTER RUSH ●
(PTO ASSISTANCE)

Application : 09/723418	Examiner : Arani	GAU : 2131
From: T.McGill	Location: (IDC) FMF FDC	Date: 11-5-05

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DOC CODE	DOC DATE	MISCELLANEOUS
☐ 1449	_____	☐ Continuing Data
☐ IDS	_____	☐ Foreign Priority
☒ CLM	2-14-05	☐ Document Legibility
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☐ DRW	_____	
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☐ 312	_____	
☐ SPEC	_____	

[RUSH] MESSAGE: Original Claim 8 (now claim 7)
ends incomplete. It ends with a
Semi-Colon.

Thank you

[XRUSH] RESPONSE: _____

Corrected.

INITIALS: JBH

NOTE: This form will be included as part of the official USPTO record, with the Response
document coded as XRUSH.

REV 10/04

<u>a modifier configured to modify fields of packets in said input buffer</u>

<u>based on the scanned predetermined fields;</u>

a FIFO configured to store predetermined data from the scanned predetermined fields; and

a state machine configured to retrieve the stored data and program said modifier according to the stored data.

6. (Currently amended) The accelerator according to Claim ~~1~~ <u>5</u>, wherein said predetermined data from the scanned predetermined fields comprises a Security Association (SA) ID, a Tx_Pkt_SOP, and flags that indicate if additional fields of the packet need to be scanned to determine information needed for programming said modifier.

7. (Currently amended) The accelerator according to Claim ~~1~~ <u>5</u>, further comprising:

a hash state machine configured to generate an SA lookup index (SA ID) based on the predetermined scanned fields.

8. (Currently amended) The accelerator according to Claim ~~1~~ <u>7</u>, wherein said hash <u>state</u> machine is a polynomial CRC calculation.

9. (Original) The accelerator according to Claim 5, wherein: